



Product Data Sheet

Product Name: HiLyte Fluor™ 750 amine

Size: 1 mg

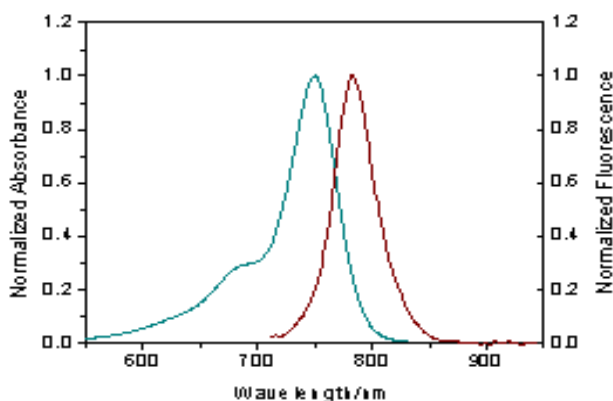
Catalog Number: ~~OE11267~~ ~~OE11267~~

Molecular Weight: 1071.38

Solvent: Water

Product Description: HiLyte Fluor™ 750 amine is a carbonyl-reactive fluorescent labeling dye. Spectrally similar to Cy7 dye, HiLyte Fluor™ 750 amine is the longest-wavelength carbonyl-reactive HiLyte Fluor™ dye currently available. Its fluorescence emission maximum at 778 nm is well separated from commonly used far-red fluorophores such as HiLyte Fluor™ 647, HiLyte Fluor™ 680 or Allophycocyanin (APC), facilitating multicolor analysis. With a peak excitation at ~754 nm, conjugates of HiLyte Fluor™ 750 dyes are well excited by a xenon-arc lamp or dye-pumped lasers operating in the 720–750 nm range.

Spectra: Maximum Ex/Em wavelength is 754/778 nm.



Stock Solution Preparation: Prepare 10 mg/ml dye stock solution in water. Completely dissolve all dye content by vortexing. Dye solution should be prepared fresh, immediately before an experiment. Long-term storage in solution form may reduce dye activity. Any solution containing the dye should be protected from light.

Shelf Life and Storage: Shelf life is two years if stored at -20C, desiccated and protected from light.

Related Products:

| Catalog# | Product Name |
|---------------------|--------------------------------|
| CEB 1266 | HiLyte Fluor™ 750 acid, SE |
| CEB 1261 | HiLyte Fluor™ 750 hydrazide |
| CEB 1269 | HiLyte Fluor™ 750 C2 maleimide |

This product is for *in vitro* research use only